



The Urban District Council of Stretford.

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# ANNUAL REPORTS

FOR 1902,

OF THE

Medical Officer of Health

AND

Inspector of Nuisances.



## SANITARY COMMITTEE.

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Dr. J. WILLIAMS-JONES.

WM. JOHN HESLOP, F.R.C.S.E., Medical Officer of Health, 366, Stretford Road, Manchester.

ELLIS NUTTALL, Inspector of Nuisances, Sanitary Depot, Empress Street, Cornbrook.

R. C. JACKSON, Assistant Inspector of Nuisances, 54, Hamilton Street, Old Trafford.

J. P. DUNNE, Assistant Inspector of Nuisances, 57, Firwood Avenue, Stretford.

GEO. H. ABRAHAM,

Clerk.



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# Urban District Council of Stretford.

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## ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH FOR 1902.

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*To the Chairman and Members of the Stretford Urban  
District Council.*

GENTLEMEN,

I have the honour to submit for your consideration my Sixteenth Annual Report on the Sanitary condition of your district for the year 1902. This report deals with the vital statistics for the year under consideration.

I am glad to be able to report that the death-rate is less than it has been for the last twenty years, although in the table it appears that on two occasions, it was less than in this year, but, on these two occasions, as in all years previous to 1901, the deaths of your residents occurring in the Workhouse and in Hospitals outside your district were not included in the death-rate. There has been a large diminution in the number of infectious diseases notified.

Appended to this report will be found five tables. In table I. is given the population for each year during the last ten years, the births occurring in your district, and the birth-rate ; the deaths of infants and the rate per thousand births registered ; the deaths which have taken place and the death-rate ; the deaths in public institutions in your district ; the deaths of non-residents registered in public institutions in your district, also the deaths of residents registered in public institutions beyond your district ; and, lastly, the nett deaths at all ages belonging to your district. This table also gives the averages for all the columns during the last ten years.

Table II. gives the population of your district, the births registered, the deaths at all ages and the deaths under one year for each ward.



Table III. gives the cases notified under the Notification Act (1889) for the whole district ; also the total cases notified in each ward, and the number of cases removed to hospital, showing from which ward they were removed.

Table IV. gives the deaths in the whole district divided according to the age, and also according to the wards in which they occurred.

There is also a table marked C which gives a summary of the Medical Officer's Report for the year 1902, and which is forwarded to the Medical Officer of Health for the county.

The population of your district, I calculate as 30,900, as against 30,000 for the previous year.

#### BIRTH RATE.

Six hundred and seventy births (males 352, females 318) have been registered by the local Registrar during the year. This is equivalent to an annual birth-rate of 21.6 per 1,000, as against 20.3 for the previous year.

#### DEATH RATE.

The total number of deaths registered in your district during the year was three hundred and fifty seven (males 185, females 172). This would give a death-rate of 11.5 of persons who actually died in your district, as against 13.7 of the previous year ; but this death-rate has to be corrected. In the previous year deaths of non-residents in your district were to be deducted, but I have received instructions from the Medical Officer of Health for the County that, for the sake of uniformity, all deaths occurring in your district have to be taken into consideration, and all residents of your district who have died after removal to institutions outside your district have to be added to the death returns ; consequently forty four deaths have to be added, of which 19 occurred at the Patricroft Workhouse, 15 in various institutions in Manchester, and 10 at the Ladywell Sanatorium. This gives a corrected total of four hundred and one deaths, equivalent to an annual death-rate of 12.9, as compared with the corrected death-rate of last year of 14.4.

## BIRTH AND DEATH RATES OF THE TOWNSHIP, 1868-1902.

Year.	Births.	Rate.	Deaths.	Rate.	Population.
1868 ..	330	30.0	170	15.4	11,000
1869 ...	333	30.0	195	17.7	—
1870 ...	373	33.9	216	19.6	—
1871 ..	378	31.5	231	18.4	12,000
1872 ...	378	31.5	186	15.5	—
1873 ...	357	29.7	189	15.7	—
1874 ...	409	34.0	236	19.6	—
1875 ..	445	37.0	247	20.5	—
1876 ...	482	32.1	282	19.0	15,000
1877 ...	522	30.7	311	18.3	17,000
1878 ...	359	31.0	323	18.0	13,000
1879 ...	548	28.8	300	15.7	19,000
1880 ...	545	27.2	339	16.9	20,000
1881 ...	600	30.0	264	13.2	—
1882 ...	556	27.8	295	14.7	—
1883 ...	573	28.6	306	15.3	—
1884 ...	550	27.5	346	17.3	—
1885 ...	508	25.4	316	15.8	—
1886 ...	557	26.5	314	15.0	21,000
1887 ...	540	25.7	328	15.6	—
1888 ...	485	23.0	310	14.7	—
1889 ...	492	23.4	308	14.6	—
1890 ...	511	24.3	354	16.8	—
1891 ...	497	22.8	382	17.5	21,751
1892 ..	472	21.7	295	13.5	21,751
1893 ...	472	21.4	324	14.7	22,000
1894 ...	446	20.2	284	13.0	22,000
1895 ...	494	21.9	356	15.7	22,500
1896 ...	510	22.0	338	13.7	24,500
1897 ...	550	21.5	342	13.4	25,500
1898 ...	567	20.8	346	12.7	27,180
1899 ...	602	21.8	422	14.7	27,540
1900 ...	626	21.8	413	14.4	28,600
1901 ...	611	20.3	401	14.4	30,000
1902 ...	670	21.6	401	12.9	30,900

The table above shows that the death-rate for the year under consideration is 1.1 lower than the average death-rate for the past 10 years, and considering the fact that previous to the year 1901 the deaths occurring in public institutions outside your district were not added to the death returns, it may be taken as the lowest death-rate on your records.

Ward.	Average.	Population.	Persons per Acre.	Birth Rate.	Death Rate.
Stretford .....	957	4300	4.4	28.3	16.2
Longford .....	452	2700	5.9	25.9	14.8
Talbot .....	1313	4400	3.3	31.8	12.7
Trafford .....	270	8400	31.1	15.8	9.5
Cornbrook .....	171	4050	23.0	13.5	11.6
Clifford .....	62	7050	113.7	21.2	15.3

Below is the table for the previous year :—

Ward.	Acreage.	Population.	Persons per Acre.	Birth Rate.	Derth Rate.
Stretford .....	957	4150	4·3	24·3	13·4
Longford .....	452	2600	5·7	17·3	11·5
Talbot .....	1313	4500	3·4	24·8	12·6
Trafford .....	270	8050	28·8	18·2	12·0
Cornbrook.....	171	3800	22·2	16·8	13·4
Clifford ..	62	6900	111·2	19·7	13·3

The following table shows the deaths in groups according to the ages :—

Deaths in Groups.	1901	1902
Under 1 year of Age ... ..	88	89
Between 1 year and under 5 years ..	37	39
,,    5    ,,    ,,    15    ,,    ...	11	14
,,    15    ,,    ,,    25    ,,    ...	16	28
,,    25    ,,    ,,    65    ,,    ...	144	146
Over 65 years... ..	86	85

#### ZYMOTIC DEATH RATE.

Thirty-two deaths were caused by the common zymotic diseases, and eight by diarrhoea and enteritis, making a total of forty deaths from zymotic diseases.

The zymotic death-rate is therefore 1·2 per thousand as against 2·1 of the previous year.

Table of wards and zymotic death-rates for 1901 and 1902 :—

WARD.	1901	1902
Stretford ... ..	4·3 per 1000	2·5 per 1000
Longford ... ..	1·1 ,,	3·3 ,,
Talbot ... ..	1·7 ,,	1·3 ,,
Trafford	2·3 ,,	0·8 ,,
Cornbrook	1·5 ,,	Nil
Clifford	1·4 ,,	0·9 ,,



I am glad to be able to report that although numerous cases of small pox have occurred in Manchester and Salford, your district up to the present time has been free from this disease. I have thought it necessary to send to every house in the district a circular strongly recommending the inhabitants to seek protection by vaccination and re-vaccination.

#### MEASLES.

Measles having ceased to be a notifiable disease in your district, I am unable to state the number of cases which have occurred, but one case only proved fatal ; last year there were five deaths from this disease.

#### SCARLET FEVER.

Ninety-one cases of scarlet fever were reported, 23 in the Stretford ward, 5 in Longford ward, 22 in the Talbot ward, 22 in the Trafford ward, 4 in the Cornbrook ward, and 15 in the Clifford ward. Of this total, five were fatal cases, two deaths occurring at the patients' residences, and three at the Ladywell Sanatorium. Last year 234 cases were reported, of which 10 proved fatal.

#### DIPHTHERIA.

Seventy-three cases of this disease were reported ; 19 in the Stretford ward, 11 in the Longford ward, 16 in the Talbot ward, 10 in the Trafford ward, 2 in the Cornbrook ward, and 15 in the Clifford ward. Of this number 10 died at the patients' residences, and 6 in hospital. Last year 62 cases were reported, 19 proving fatal.

#### WHOOPING COUGH.

Whooping-cough, which is not notifiable, caused 6 deaths, as against 5 during the previous year.

#### TYPHOID OR ENTERIC FEVER.

Twenty-one cases of Typhoid fever were reported ; 5 in the Stretford ward, 2 in the Longford ward, 3 in the Talbot ward, 3 in the Cornbrook ward, 3 in the Trafford ward, and 5 in the Clifford ward. Of this number, 2 died at the patients' residences, and one in hospital, which is the same as in the previous year.

# ERYSIPELAS.

Eighteen cases of Erysipelas were reported, no case proving fatal. Last year 25 cases were reported, 3 of which proved fatal.

# PUERPERAL FEVER.

Two cases of Puerperal fever were reported, both of which proved fatal, as against three cases last year, all of which proved fatal.

# DIARRHŒA AND ENTERITIS.

Eight cases of Diarrhœa and Enteritis proved fatal during the year. In the previous year 19 cases proved fatal.

# EPIDEMIC INFLUENZA.

This disease caused one death during the year ; last year two fatal cases occurred.

Below is a summary of notified diseases for the last ten years :—

1893	...	209	1898	...	263
1894	...	263	1899	...	267
1895	...	227	1900	...	470
1896	...	188	1901	...	712
1897	...	829	1902	..	290

# ISOLATION HOSPITAL.

During the year we have removed 108 cases to the Ladywell Sanatorium, whereas last year 164 cases were removed. The cases were as follow :—

	1901	1902
Scarlet Fever	127	57
Typhoid Fever	7	12
Diphtheria & Membranous Croup	29	38
Continued Fever	1	
Puerperal Fever	—	1

# BACTERIOLOGICAL EXAMINATIONS.

Forty-five bacteriological examinations have been made at the Public Health Laboratory for Manchester during the year. Twenty-four suspected cases of Diphtheria have been examined, giving 7 positive results ; 10 cases of Typhoid fever, giving 4 positive results ; and the sputa in 11 suspected cases of Phthisis have been examined, giving 7 positive results.

## PREVENTION OF INFECTIOUS DISEASE.

During the year we have had a large diminution in the number of notifiable Infectious Diseases. The only way I can compare this year with the previous year is by excluding measles from both returns, as measles was notified during the early part of this year.

WARD.				Number of Cases Notified. 1901	Number of Cases Notified. 1902
Stretford	...	..	...	84	56
Longford	...	...	...	59	22
Talbot	...	...	...	57	46
Traford	...	...	...	65	35
Cornbrook	...	...	...	33	9
Clifford	...	...	...	47	49

This gives a total of 345 cases for 1901, and 208 for 1902, showing a diminution of 137 cases. During the year, in the three wards where there is least congestion, and with a population of 11,400, we have 46 cases of Diphtheria reported, whereas in the wards nearer Manchester we have 27 cases in the larger population of 19,500, and in the Cornbrook ward not a single death from infectious disease has occurred during the year. This ward, some years ago, had a bad reputation.

I am at the present time proposing to have Chicken-pox added to the schedule of notifiable diseases, as this disease in its earlier stages is sometimes mistaken for Small-pox. Especially does this occur where medical advice is not sought. For a period of years we have notified measles, and this has entailed a large amount of labour upon your sanitary officials and considerable expense to the Council, for which I do not consider an adequate return was obtained. I therefore recommended the Council to obtain the consent of the Local Government Board for the removal of this disease from the schedule list of notifiable diseases.

## SEWAGE FARM NUISANCES.

We have again received numerous complaints of the nuisance arising from smells from the Withington Sewage Farm. We have communicated with the Withington Urban District Council, and with the Local Government



Board concerning this nuisance, but as large sewage works are in progress, and as the Withington District Council have obtained from the Justices an extension of time for their completion, I fail to see that we can at present take any further steps in the matter.

#### COW-SHEDS AND DAIRIES.

The cow-sheds and dairies in your district are in a very satisfactory condition. They are lime-washed twice a year, and the water supply is good. There are 24 cow-sheds and 104 dairies, and are all registered. They are frequently inspected by your sanitary officials, who see that the premises are kept clean and not overcrowded.

#### SLAUGHTER-HOUSES.

There are 8 slaughter-houses in your district, the condition of which is satisfactory. They are visited at regular intervals, and everything is done to keep them in a proper sanitary condition.

13,452 head of cattle, and 3,828 sheep have been slaughtered during the year at the Lairages in connection with the Foreign Animals Wharf at Mode Wheel.

#### LAUNDRIES.

There are 5 laundries in your district. They are visited periodically, and their condition has been found to be satisfactory.

#### WATER SUPPLY.

The water supply in your district is received mainly from the Manchester Waterworks. It is of the constant service system and is good. The few remaining wells in the outskirts of your district are kept under observation.

#### BAKEHOUSES.

There are 23 bakehouses in your district, to which 125 visits have been paid during the year, and where necessary notices have been served to remedy the insanitary defects. The sanitary condition of these premises is carefully watched, as is any tendency to overcrowding. Defects are remedied as soon as discovered.

#### STREAMS AND WATERWAYS.

The streams and waterways of your district have been fairly satisfactory during the year.



## SEWAGE FARM.

Your sewage farm continues to work well. I have frequently visited it, and I have always found the workings satisfactory. The effluent has been examined 4 times during the year, and the samples taken gave an average of 27 grains per gallon of oxygen absorbed in a four hours test.

## REFUSE DESTRUCTOR.

The refuse destructor has been very satisfactory during the year. I have received no complaints of charred paper or dust as in previous years. It now averages a consumption of about 113 tons per week.

## SANITARY IMPROVEMENTS.

During the year 27 intercepting-traps have been fixed between the main sewer and house drains, and at the head of each system of drainage 47 ventilating shafts have been erected.

283 privies and 153 ashpits have been replaced by the same number of pedestal closets, and dry ash receptacles or galvanised dust bins.

## PROSECUTIONS.

During the year 18 prosecutions have taken place under various acts. One parent was prosecuted under section 126 of the Public Health Act (1875) for exposing his child in the public street while suffering from an infectious disease. He was also prosecuted for failing to notify the case, and a conviction was obtained in each instance, and fines amounting to 35s. were imposed.

## SMALL-POX

I am glad to say that arrangements have been made with Saltford for the reception of any cases of Small-pox that may occur in your district. Up to the present no such cases have occurred.

## NOTIFICATION OF PHTHISIS.

I consider it now quite time that steps should be taken for the notification of cases of Phthisis, as so much can be done,

both preventative and curative, for this disease. Your inspectors would be able, particularly amongst the poorer classes to do much by the distribution of handbills, and by the examination and disinfection of the houses where cases occur, to check the ravages of this disease.

#### TEMPORARY ACCOMMODATION DURING DISINFECTION.

In cases where it becomes necessary to disinfect a house, it is impossible to do so in an efficient manner without turning the inmates into the street. To obviate this I strongly recommend that a room be provided for their temporary accommodation.

#### SANITARY STATE OF YOUR DISTRICT AT THE END OF THE YEAR.

The sanitary state of your district has been very satisfactory during the year, and at the present time the number of notifications of infectious diseases is very small.

Small-pox has appeared pretty extensively in the surrounding districts, and although there is no cause for alarm, I consider it more than probable that isolated cases of this disease may occur in your district, but as provision has been made with Salford for the reception of any cases, and as I have sent out a double set of circulars pointing out the necessity for vaccination and re-vaccination, and as I am informed by the public vaccinators that large numbers of your inhabitants are seeking this protection. I feel confident that any outbreak will be kept within narrow limits.

The Inspectors attend the office every morning from the hours of nine till ten, and it is therefore necessary that all complaints should be lodged before the last-mentioned hour, otherwise they may not receive attention that day, unless it is a matter of urgency.

Particulars of inspections and sanitary work done, nuisances removed, and other information concerning the work of the Sanitary Department will be found in Inspector Nuttall's report appended.

Your obedient Servant,

W. J. HESLOP, F.R.C.S., L.R.C.S.,

Council Offices,

Medical Officer of Health.

Feb. 2nd, 1903.

TABLE I.

TOTAL DEATHS REGISTERED IN THE DISTRICT.

YEAR.	Population estimated to Middle of each Year.	BIRTHS.		DEATHS UNDER ONE YEAR OF AGE		DEATHS AT ALL AGES. TOTAL.		DEATHS IN PUBLIC INSTITUTIONS.	Deaths of Non-residents registered in District.	Deaths of Residents registered beyond District.	DEATHS AT ALL AGES NETT.	
		Number.	Rate.*	Number.	Rate per 1,000 Births Reg'd.	NUMBER.	Rate.*				Number.	Rate.*
1892	21751	—	21·7	55	116·5	295	13·5				295	13·5
1893	22000	472	21·4	83	175·8	324	14·7				324	14·7
1894	22000	446	20·2	75	168·1	284	13·0				284	13·0
1895	22500	494	21·9	76	153·8	356	15·7				356	15·7
1896	24500	540	22·0	77	142·5	338	13·7			4	338	13·7
1897	25500	550	21·5	93	169·0	342	13·4			14	342	13·4
1898	27180	561	20·8	74	130·5	346	12·7			17	346	12·7
1899	28600	602	20·8	92	152·8	422	14·7			30	437	15·2
1900	28600	626	21·8	93	148·5	413	14·4			40	468	16·3
1901	30000	611	20·9	88	144·0	401	13·7			59	434	14·4
Ave'ges for years 1892 to 1901	25263	490	19·9	80	131·7	352	13·9				362	14·2
1902	30900	670	21·6	87	129·8	357	11·5			4·4	401	12·9

\* Rates calculated per 1,000 of estimated population.



TABLE II.

Names of Localities.	STRETFORD.				LONGFORD.				TALBOT.				TRAFFORD.				CORNBROOK.				CLIFFORD.				TOTALS.			
	Population estimated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.
Year.																												
1895	4239	108	64	19	2391	52	44	10	1409	16	14	3	3357	73	62	7	3528	61	54	10	7576	184	118	27	22500	494	356	76
1896	4454	106	49	16	2651	62	36	12	1574	10	18		5342	115	63	9	3803	70	67	20	7576	177	104	20	24500	540	338	77
1897	4554	99	61	26	2651	52	27	7	1574	14	11	2	5342	138	81	20	3803	81	44	9	7576	166	101	29	25000	550	342	93
1898	4850	110	61	13	2800	56	38	6	2100	24	19	2	6000	144	76	24	3850	64	48	11	7580	166	87	18	27180	567	346	74
1899	3880	96	62	15	2600	61	45	11	2690	47	31	11	7670	164	94	26	3800	75	56	8	3900	159	119	21	27540	602	437	92
1900	4000	107	55	17	2600	54	31	7	3500	74	38	9	7800	159	109	17	3800	82	57	18	6900	148	123	25	28300	626	468	93
1901	4150	101	56	16	2600	45	30	6	4500	112	56	21	8050	155	97	22	3800	68	50	11	6900	130	92	12	30000	611	383	88
Averages of Years 1895 to 1901.	4303	03	58	17	2613	54	35	8	2478	42	26	6	6223	135	33	17	3769	70	53	9	7286	161	106	21	26474	570	381	84
1902	4300	122	70	17	2700	70	40	12	4400	140	56	19	8400	133	80	17	4050	55	47	7	7050	150	108	17	30900	670	401	89



TABLE III.

Notifiable Disease.	Cases notified in whole Distrct.							Total Cases notified in each Locality.						No. of Cases removed to Hospital from each Locality.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
	At all Ages.							At Ages—Years.							Stretford Ward.						Longford Ward.						Talbot Ward.						Trafford Ward.						Cornbrook Ward.						Clifford Ward.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
	Under 1.							1 to 5.							5 to 15.							15 to 25.							25 to 65.							65 and upwards.							Stretford Ward.						Longford Ward.						Talbot Ward.						Trafford Ward.						Cornbrook Ward.						Clifford Ward.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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TABLE IV.

Causes of Death.	Deaths in or belonging to whole District at subjoined ages.							Deaths in or belonging to localities (at all ages).					
	All ages.	Under 1 year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.	Stretford Ward.	Longford Ward.	Talbot Ward.	Trafford Ward.	Cornbrook Ward.	Clifford Ward.
Measles ... ..	1	...	1	...	...	...	..	...	1				
Scarlet fever ... ..	5	...	3	2		...		2		2	1		
Whooping Cough ...	6	4	2	...	...	...	...	3	1	1	1		
Diphtheria and membranous croup ...	16	...	11	4	...	...	1	3	4	3	3	...	3
Fever, Enteric ... ..	3			..	1	2	...	...	1	...		...	2
Epidemic Influenza ...	1				...	1		..		...	1	...	...
Diarrhoea... ..	5	4		...			1	2	2	...	1		
Enteritis ... ..	3	2	...			1		1					2
Puerpural Fever ...	2				1	1		1		...		...	1
Other septic diseases...	1				...	1	..		...	1	...	...	...
Phthisis ... ..	31		...	1	11	18	1	5	2	6	4	6	8
Other tubercular diseases ...	12	2	4	2	..	2	2	4	1	...	2	2	3
Cancer, malignant disease ... ..	22	...		...	...	18	4	4	1	4	5	4	4
Bronchitis ... ..	42	13	2		1	10	16	4	1	9	7	7	14
Pneumonia ... ..	32	6	7		1	16	2	3	5	3	6	4	11
Other diseases of Respiratory organs	1	1	...					...	...	1			...
Alcoholism } Cirrhosis of liver }	4					4		...		1	2		1
Premature birth ...	11	11			...	...		2	1	4	1	2	1
Diseases and accidents of parturition ...	3	...	...	...	...	3	...	...	...	...	1	...	2
Heart diseases ... ..	35	...		2	2	21	9	10	4	3	10	4	4
Accidents ... ..	10	...	1	2		4	3	1	1	3		4	1
Suicides ... ..	5		...		...	5		...	2	1	...	2	...
Rheumatic fever ...	2	...	...		...	2		1	...	...	...	...	1
All other causes ...	48	46	7	1	11	37	46	24	13	14	35	12	50
All causes ... ..	401	89	39	14	28	146	85	70	40	56	80	47	108

TABLE C.  
COUNTY OF LANCASTER.

SUMMARY OF MEDICAL OFFICER'S REPORT,  
For 1902.

Urban Sanitary District of Stretford.

Area in Statute Acres 3,256½. Population (census) 30,436.  
Population (estimated) 1902, 30,900.

Name of Medical Officer of Health :  
WILLIAM JOHN HESLOP, F.R.C.S., Ed.  
Salary £150.

Births registererd : Male 352 ; Female 318. Total 670.  
Deaths registererd : Male 207 ; Female 194. Total 401.  
Birth rate 21.6 Death rate 12.9.  
Death rate from the \*seven principal Xymotic Diseases per  
1,000 of population 1.2.  
Diseases prevalent ? Diphtheria. Period ? About Mid-  
summer.  
What action taken ? Isolation. Any Schools closed ? No.  
What is the character of the Hospital accommodation ? Good.  
Is it Joint or otherwise ? Joint. No. of Beds available for the  
District ? Small-pox 2 ; other Diseases unlimited.  
What were the cases treated ? Scarlet fever, Typhoid fever,  
Diphtheria, and Membranous croup, and Puerperal fever.  
Deaths in Hospital ? 10. From what causes ? Scarlet fever 3,  
Diphtheria 6, Typhoid 1.  
How is Disinfection carried out ? Houses So/2. Clothing,  
Bedding, &tc., Steam. Apparatus used ? Lyons' patent.  
Number of Cases of Infectious Disease Notified ? 290.  
Are any Diseases not specifically mentioned in the Act notifi-  
able (for instance, Measles, Whooping Cough, Diarrhoea,  
&c.) ? It so, what are they ? Measles was, but is not now  
notifiable.  
Has any arrangement been made for the "voluntary" notifi-  
cation of Phthisis ? Medical practitioners are invited to  
notify.

\* Small-pox ; Scarlet Fever ; Diphtheria and Membranous Croup ; Fever—Typhus,  
Typhoid, and Continued : Measles ; Whooping Cough and Diarrhoea.



Has any Action been taken under the "Housing of the Working Classes Act, 1890"? A scheme for the erection of 100 Artizans' Dwellings is under consideration.

How many houses, condemned as unfit for human habitation, have been closed or demolished? Notice served to make three houses into through houses.

What is the condition of the Water Supply? Is it subject to your inspection? Good. We have a few wells in the outlying districts.

Is scavenging carried out satisfactorily? Yes.

By Sanitary Authority or Contract? By Council.

How is the Refuse disposed of? Refuse destructor for dry refuse, and the wet portion of the refuse is deposited on farms.

What is the character of Drainage and the form of Sewage Disposal? Drainage good. A large portion (by order of the L.G.B.), is treated by the Manchester Corporation; the remainder is treated by ourselves by broad irrigation.

Canal boats? None.

What is the condition of Bakehouses? Good, as far as cellar bakehouses go.

Slaughter houses? Good.

Lodging houses? Are they registered? None.

Dairies, Cowsheds, and Milkshops—Are they periodically inspected? Yes. What is their condition? Good. Are they subject to the Regulations made under the Order of the Local Government Board? Yes. What amount of air space in cubic feet is required for each cow? 800 cubic feet in new, and 600 cubic feet in old cowsheds.

Have the Factories and Workshops been inspected, and with what result? Yes. Several Notices have been served for insanitary defects.

Food unfit for Human Consumption—Amount seized? About 5,220 lbs.

Any Special Report of Medical Officer of Health during the year? No.

Department of Inspector of Nuisances—Number of notices served, 230. Number of nuisances remedied, 1,270. Legal proceedings taken and result, 16.

Smoke—Number of observations, 89. Legal proceedings, 3. Fines and costs imposed in each case.

Has the Authority adopted (a) The Infectious Diseases Prevention Act, 1890? Yes. (b) The Public Health Acts Amendment Act, 1890? Yes.



# THE URBAN DISTRICT COUNCIL OF STRET福德.

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Sanitary and Hackney Coach Departments.

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## ANNUAL REPORT OF THE INSPECTOR OF NUISANCES

FOR THE  
YEAR ENDED DECEMBER 31st, 1902.

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*To the Chairman and Councillors of the Sanitary and Hackney  
Coach Committee.*

GENTLEMEN,

Herewith I have much pleasure in placing before you my Eighth Annual Report of the work done in the Sanitary, Hackney Coach, and Cleansing Departments, during the year ended December 31st, 1902.

Details of the work necessarily carried out in abating nuisances found to exist, or in removing any insanitary conditions coming under my observation, and which come within the meaning of the Public Health Act, 1875, or other Acts, have been withheld from this report, such details being recorded in the books of the Sanitary Department, and are at all times open for perusal.

To facilitate comparisons with previous years, I have classified the work devolving upon the above departments under their several headings.

It is pleasing to be able to note, though the district has rapidly increased since my last report, that the work in the Cleansing Department has been satisfactorily carried out, and as shown by the tabulated statements herein, compares very favourably with the records of previous years.

The Empress Street destructor has worked fairly well during the year, as will be seen on reference to the statements herein.

The administration of your Council's Hackney Coach Bye-laws, and the regulations of the traffic has been satisfactorily carried out. As compared with the previous year a decrease of revenue is shown.

In the abatement of Nuisances, inquiries into cases of Infectious Diseases, and in the general discharge of the duties devolving upon this department, much useful work has been carried out, as is evidenced by the following summary, and it is gratifying to note that though over 200 notices have been served for various reasons, it has not (with the exception of the smoke nuisances) been found necessary to take legal proceedings for the enforcement of the Council's authority.

#### SUMMARY OF WORK DONE FROM JANUARY 1st to DECEMBER 31st, 1902.

##### HEALTH DEPARTMENT.

Formal notices served . . . . .	199
Legal „ „ . . . . .	31
Visits in respect of notices served and work in progress . . . . .	1,317
Houses dealt with for various causes . . . . .	398
Drains tested—Old Property . . . . .	664
Sanitary fittings tested—Old Property . . . . .	73
Drains tested—New Property . . . . .	641
Sanitary fittings tested—New Property . . . . .	282
Foul Privies abolished . . . . .	283
„ Ashpits „ . . . . .	153
Intercepting traps provided to drains . . . . .	27
Ventilating shafts provided at head of drains . . . . .	47
Private Drainage—6-inch drains (new) 504 feet	
„ „ —4-inch „ „ 312 „	
Automatic Closets repaired . . . . .	4

## INFECTIOUS CASES.

Infectious diseases reported . . . . .	290
Patients removed to Hospital . . . . .	108
Rooms fumigated . . . . .	293
,, stripped and washed . . . . .	101
Articles disinfected . . . . .	1,604
Schoolrooms fumigated . . . . .	69
Visits in respect of infectious disease . . . . .	776
Certificates sent to schools . . . . .	110

## SLAUGHTERHOUSES, COWSHEDS, AND MILKSHOPS.

Cowshed floor, concreted and drained . . . . .	1
,, efficiently ventilated . . . . .	1
Visit to cowsheds, dairies, and milkshops . . . . .	231
Additional air-space provided to cowshed . . . . .	1
Notices <i>re</i> cowsheds . . . . .	2
Visits to slaughterhouses . . . . .	128
,, ,, Mode Wheel Lairages . . . . .	61
Meat destroyed . . . . . about 5,220 pounds	

## CLEANSING DEPARTMENT.

Wet pits emptied . . . . .	5,967
Dry ashplaces emptied . . . . .	17,934
Dust bins emptied . . . . .	129,027
	————— 152,928
Loads removed from wet pits . . . . .	2,274
,, ,, ,, dryashplaces . . . . .	3,964
,, ,, ,, dust bins . . . . .	2,330
Loads removed of clinkers . . . . .	244
	————— 8,812
Loads sold to farmers . . . . .	17
Applications to remove refuse . . . . .	492
Loads tipped at the destructor . . . . .	4,546

## HACKNEY COACH DEPARTMENT.

Cricket ground licenses . . . . .	140
Hackney coach licenses . . . . .	32
Omnibus licenses . . . . .	49
Tramcar licenses . . . . .	87
Hackney carriage drivers' licenses . . . . .	48
Omnibus drivers' licenses . . . . .	174
Omnibus conductors' licenses . . . . .	200



## OTHER LICENCES.

Special licenses (hackney carriage)	.	12	
Slaughterhouse licenses	.	8	
Game licenses	.	3	
Provisional licenses	.	25	
Provisional repair licenses	.	15	
		—	973
Licenses cancelled	.	1	
Licenses refused	.	3	
Articles left in cabs	.	7	
Proceedings against drivers and conductors		5	
Attendance at cricket ground	.	75	
Attendance at Botanical Gardens	.	61	
Attendance at Ship Canal	.	7	

## MISCELLANEOUS.

Complaints attended to	.	280
Samples of food and drugs submitted for analysis	.	50
Proceedings under the Public Health Act	.	5
Proceedings under Infectious Diseases Notification Act		1
Proceedings under the Food and Drugs Act	.	1
„ „ Town's Police Clauses Act		12
Smoke observations taken	.	89
Accumulations of manure removed.	.	14
Overcrowding of bedroom	.	2
Keeping pigs in backyard	.	1
Accumulation of fish offal	.	1
Dirty sanitary conveniences	.	6

## FACTORY AND WORKSHOPS ACTS.

Bakehouses cleansed	.	5
Drain removed from inside bakehouse	.	1
Bakehouse insufficiently ventilated	.	1
Visits to bakehouses	.	125
„ jam works	.	15
„ box works	.	3
„ fustian cutting works	.	2
„ laundries	.	31
„ dressmakers, etc.	.	22
„ cabinet works	.	3
„ various classes of workshops	.	48



Defective sanitary conveniences attended to	.	5
Workshop floor repaired	.	1
Dirty waterclosets cleansed	.	3
Privy midden removed from under workshop floor	.	1
Visits to boot and shoe repairing works	.	16
„ Confectionery workshops	.	5
„ Joiners' workshops	.	8
„ Tailors' workshops	.	6
„ Plumbers' workshops	.	8
„ Sausage making workshops	.	5

### INFECTIOUS DISEASES.

TABLE SHOWING NUMBER OF INFECTIOUS CASES DEALT WITH  
MONTHLY.

Month.	Scarlet Fever.		Typhoid Fever.		Diphtheria.		Erysipelas.	Membranous Croup.	Smallpox.	Typhus.	Measles.	Cholera.	Puerperal Fever.	Continued Fever.	Total.	Removed to Hospital.
January..	12	8	4	3	17	16	2	...	...	...	21	...	...	...	56	27
February.	9	7	1	...	17	8	...	1	...	...	9	...	...	...	37	15
March ....	7	3	3	...	10	3	2	1	...	...	14	...	1	1	38	7
April .....	5	1	...	...	5	3	2	1	1	...	10	...	...	...	23	5
May .....	5	2	3	1	6	2	3	...	...	...	26	...	...	...	43	5
June .....	6	3	2	1	2	1	...	...	...	...	2†	...	...	...	12	5
July .....	7	5	...	...	3	2	2	...	...	...	...	...	...	...	12	7
August ...	9	7	1	1	1	...	1	...	...	...	...	...	...	...	12	8
September	14	10	...	...	1	...	1	...	...	...	...	...	...	...	16	10
October ...	5	3	3	2	2	1	2	...	...	...	...	...	...	...	12	6
November	8	6	...	...	6	1	1	...	...	...	...	...	1	...	16	7
December	4	2	4	4	3	...	2	...	...	...	...	...	...	...	13	6
Total .....	91	*57	21	*12	73	*37	18	3	*1	...	82	...	2	...	290	108
1901	234	*127	17	7*	62	*28	25	3	*1	...	367	...	2*1	11	712	164

\* Removed to Hospital.

† Notification of Measles discontinued after June 3rd, 1902.

During the year under review, 290 cases of Infectious Disease have been notified to your Medical Officer of Health, against 712 the previous year.

Careful inquiry is made into each case with a view to tracing its origin, and printed instructions are left at each infected house how to deal with cases of infection and to prevent the same from spreading.

The inquiry form, when duly filled up, is submitted to your Medical Officer, and should he deem further inquiries necessary, he instructs your Sanitary Inspector accordingly.

As will be seen from the above statement, 108 persons have, during the year, been removed to the Isolation Hospital, Ladywell, Eccles.

One person has been fined 35 shillings for failing to notify to the Medical Officer of Health that his child was suffering from scarlet fever, and for exposing the said child in a public street while so suffering.

#### DISINFECTION OF BEDDING, &c. MONTHLY TABLE SHOWING NUMBER OF ARTICLES DISINFECTED.

Month.	Beds.	Blankets.	Sheets.	Pillows.	Bolsters.	Quilts.	Shawls.	Mattresses.	Mattresses Destroyed.	Skirts.	Carpets.	Rugs.	Cloaks.	Sundries.	Total.
January .. ...	23	22	19	41	12	17	...	1	...	5	...	...	...	49	189
February .....	23	19	30	37	15	26	...	2	3	...	...	1	...	32	188
March .....	23	25	26	34	16	25	...	7	...	...	...	1	...	11	168
April .....	29	22	36	54	32	47	...	16	12	...	...	10	...	52	310
May .....															
June .....	9	15	15	12	7	12	...	11	6	...	...	7	...	12	106
July .....	10	12	15	18	9	11	...	2	4	...	...	1	...	22	104
August .....	16	11	21	31	15	11	...	9	...	...	2	6	...	36	158
September ...	7	1	4	17	8	3	...	5	10	...	...	...	...	9	64
October .....	12	10	14	22	10	10	1	...	1	...	3	9	...	32	124
November....	6	9	3	11	5	9	4	...	15	...	3	1	...	22	88
December ...	10	12	14	14	9	10	...	...	9	1	2	2	...	22	105
Total 1902	168	158	197	291	138	181	5	36	60	6	10	38	...	299	1604
Total 1901	262	274	316	454	222	263	40	36	31	48	...	73	8	498	2546

By the above table it will be seen that much useful work has been carried out in the disinfection of bedding and other articles which have been in contact with persons suffering from infectious disease.

The table shows that over 1,600 articles have been dealt with at the Empress Street Depot, and it is pleasing to note that during the year no complaint has been received that any article submitted for disinfection has been returned to the owner in any way damaged. This, I think, speaks well for the care exercised in carrying out the instructions as to disinfection of bedding, &c. 159 lots of bedding have been disinfected during the year, and (exclusive of horse hire) had we not possessed our own steam disinfector, it would have cost your Council £40.

For various reasons 60 mattresses have been destroyed at the Destructor Works during 1902.

By reason of the diminution in the number of cases of infectious disease notified this year, the number of inquiry and subsequent visits I estimate to be 776, as compared with 1,300 for 1901. Also :

In consequence of children being absent from school either suffering from or residing in a house where there is an infectious disease, 110 certificates have been sent to various schoolmasters or managers, as against 344 last year.

TABLE SHOWING NUMBER OF ROOMS FUMIGATED, AND THE NUMBER STRIPPED AND WASHED EACH MONTH.

Month.	Scarlet Fever.		Typhoid Fever.	Diphtheria.	Erysipelas.	Membranous Croup.	Measles.	Phthisis.	Puerperal Fever.	Filth.	Schoolrooms.	TOTAL.	
January .....	11	11		7	...	1	...	...	...	...	...	19	11
February ...	15	15	4	16	...	1	...	...	...	...	...	36	15
March .....	6	6	1	14	...	...	1	...	...	...	...	22	6
April .....	11	11	3	11	...	2	4	...	1	...	...	32	11
May .....													
June .....	6	6	2	4	...	...	1	...	...	...	37	50	6
July .....	5	5	1	1	...	...	1	...	...	...	...	8	5
August .....	11	11	1	3	...	...	...	...	...	...	...	15	11
September ..	18	18	1	7	...	...	2	...	...	...	...	28	18
October .....	9	9	...	2	...	...	...	...	1	...	31	43	9
November ...	7	7	2	1	...	...	...	...	...	...	...	10	7
December ...	2	2	3	5	...	...	...	...	...	...	...	10	2
Total .....	101	101*	18	71	...	4	9		2		68	273	101*

\* Stripped and Washed.



The above statement (if compared with a similar one for the year 1901) shows a decrease of rooms fumigated, equal to nearly 22 per cent. This falling-off is due to scarlet fever being less prevalent during the year under review than during the previous year. If reference be made to table under the heading of Infectious Diseases, it will be seen that only 91 cases of scarlet fever have been notified during 1902, as against 234 for the year 1901, or a difference of 61 per cent.

The paper has, during the year under consideration, been removed from the walls of 101 rooms, each wall being afterwards washed down with a solution of carbolic fluid.

I would respectfully draw the attention of your Committee to the very insanitary practice so much in vogue in this district of re-papering walls or ceilings with new paper without first removing the old one, and to prevent or reduce to a minimum this practice I would suggest that a printed circular be sent to the various owners of property, pointing out (in the interests of health) that it is essential that every scrap of old paper should be removed from the walls, &c., before a new one is put on.

During the year about four tons of disinfecting powder and 120 gallons of disinfecting fluid have been given out, free, from the Empress Street Depot, Council Offices, and Town Hall, Stretford. Especially amongst the poorer parts of the district, this free distribution is much appreciated.

The whole of the day schools in the district have again been fumigated this year, most of them twice, and in carrying out this work I am pleased to say that every assistance has been rendered by the school authorities. The importance of school disinfection cannot be over-estimated from a health point of view, and I trust, during the ensuing year, it may not only be possible to disinfect the day schools, but also the Sunday schools.

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## TESTING OF DRAINS AND SANITARY FITTINGS.

TABLE SHOWING THE NUMBER OF DRAINS AND SANITARY  
FITTINGS TESTED MONTHLY IN OLD AND NEW  
PROPERTY.

Month.	Old Property.				New Property.			
	Drains.		Fittings.		Drains.		Fittings.	
	Tested.	Defects.	Tested.	Defects.	Tested.	Defects.	Tested.	Defects.
January ... ..	40	17	2	1	24	6	...	..
February .. ...	19	5	8	5	23	11	8	2
March ... ..	69	59	5	2	34	21	107	14
April ... ..	90	72	7	4	84	35	3	2
May ... ..								
June ... ..	68	14	11	8	37	20	43	4
July ... ..	48	13	2	2	74	31	13	3
August ... ..	71	29	13	11	61	25	8	4
September ... ..	64	37	7	4	63	30	19	2
October ... ..	64	31	12	10	72	42	49	15
November ... ..	68	14	...	...	89	41	11	3
December ... ..	63	22	6	1	80	22	21	6
Total, 1902 ... ..	664	313	73	48	641	284	282	55
Total, 1901 ... ..	574	289	41	21	816	384	31	6

The necessity of hydraulically or otherwise testing the drains and sanitary fittings of both old and new property is again demonstrated by the above statement, and if you take the number of defects observed, it is apparent that much useful work has been accomplished during the year under consideration.

As shown above, 664 tests have been applied to the drains of old property. Of that number 313 disclosed defects ; in other words, had no test been applied to the drains 47 per cent. would have remained a danger to health.

Sanitary fittings of old property have had 73 tests applied thereto, 48 of which showed defects. This gives nearly 66 per cent. of unsound fittings, and which would have remained undetected had no test been applied.

In connection with new property, 641 drains have been tested during the year. 284 thereof were defective. This is equal to 44 per cent. Also the sanitary fittings of the same class of property have had 282 tests applied, showing that 55, or 19 per cent., were defective.

I am pleased to report that in carrying out the hydraulic test initiated at the commencement of 1902, I have experienced no very serious opposition from builders or other contractors. Some, in fact, prefer the hydraulic test, it being more satisfactory than the smoke test.

The defects disclosed by these tests are not always due to the imperfect jointing of pipes and junctions, but to flaws in the body of the pipes, either from fractures or sand cracks. When a defect is from the latter cause, the pipe will give the true ring on the application of the hammer test, and the only way to efficiently test such pipes is to place them under hydraulic pressure.

## FOOD AND DRUGS ACTS.

### SAMPLES SUBMITTED TO COUNTY ANALYST DURING 1902.

Number.	Kind of Sample.	Genuine.	Poor or Doubtful.	Adulterated or Below Standard.	Polluted.
39	Milk ... ..	34	2	3	
2	Margarine ... ..	2			
1	Mustard ... ..			1	
2	Butter ... ..	2			
1	Tea ... ..	1			
1	Vinegar ... ..	1			
2	Coffee ... ..	2			
2	Pepper ... ..	2			
50		44	2	4	
2	Water ... ..				2

During the year 50 samples of food have been obtained and submitted for analysis.

As will be seen from the above statement, the County Analyst certifies 44 of the samples to be genuine, 2 poor or doubtful, and 4 adulterated or below the standard.

No legal proceedings have been taken in consequence of the samples purchased this year, but one person has been fined for selling adulterated milk in 1901.

Two samples of water have been analysed during the year, and declared to be slightly polluted. A further sample from one of these sources is requested to be submitted for analysis.

#### SMOKE OBSERVATIONS.

89 observations (each of 60 minutes duration) have been taken during 1902 of the class of smoke sent out from chimneys, and not being those of private dwelling houses, or are not exempt under Section 334 of the Public Health Act, 1875.

The four minutes (time limit) allowed by your Council has been exceeded twelve times during the year, and in each instance the observation has been reported to the Sanitary Committee, who, after due consideration, resolved to serve notice for the abatement of the nuisance in four instances, ordered proceedings in four cases, and a decision is pending in the remaining 4 cases.

During the year under consideration fines and costs amounting to £12 os. 6d. have been imposed on persons neglecting to abate nuisances arising from the emission of black smoke, and on the average emission an improvement on the preceding year is recorded, viz. : 54 seconds per hour, against 1 minute 7 seconds for 1901. I may add that the number of chimneys to which section 334 does not apply have, during the past two years, considerably increased.



## CLEANSING DEPARTMENT.

TABLE SHOWING THE NUMBER OF REFUSE RECEPTACLES  
IN EACH WARD, DECEMBER 31st, 1902.

Ward.	Wet Pits.		Dry Pits		Dust Bins.	Total.
	Double.	Single.	Double.	Single.		
Stretford .....	82	93	153	87	371	783
Longford .....	48	55	78	75	167	423
Talbot .....	7	51	99	120	775	1052
Trafford .....	153	49	283	140	845	1474
Cornbrook .....	58	56	83	157	343	695
Clifford .....	118	25	399	198	258	1015
Total, 1902	466	329	1095	777	2759	5442
Total, 1901...	595	350	1081	790	2255	5071

Compared with last year's table, a very satisfactory reduction of wet pits is evident. The dry ash places are practically the same as in my last Annual Report, whilst the dust bins show an increase of 504.

STATEMENT SHOWING THE NUMBER OF WET PITS IN  
EACH WARD YET REQUIRING TO BE CONVERTED,  
DECEMBER 31st, 1902.

Ward.	Double Wet Pits.	Not Required to be Converted	Nett Number Requiring to be Converted	Single Wet Pits.	Not Required to be Converted	Nett Number Requiring to be Converted	Total yet to be Converted
Stretford ...	82	17	65	93	36	57	122
Longford ...	48	21	27	55	24	31	58
Talbot ...	7	3	4	51	37	14	18
Trafford ...	153	36	117	49	23	26	143
Cornbrook .	58	3	55	56	22	34	89
Clifford ...	118	2	116	25	2	23	139
Total	466	82	384	329	144	185	569

In accordance with your Committee's instructions, the above statement gives the number of wet pits in each ward, also the number which (owing to the distance they are away from the house) it is thought unnecessary to require them replacing with water-closets.

As will be seen from the statement before mentioned, there yet remains to be converted 384 double and 185 single, making a total of 569 wet pits, and

To abolish the 569 wet pits, 953 houses will have to be dealt with, at an estimated cost of £4,050, and assuming this Council does not seek private powers to abolish these foul-privies, and proceeds as hitherto, it will take three more years to clear the district of such receptacles.

TABLE SHOWING ASHPITS EMPTIED MONTHLY ON APPLICATION FROM EACH WARD.

Month.	Stretford	Longford.	Talbot.	Trafford.	Cornbrook.	Clifford.	Total per Month.
January ... ..	11	6	3	4	8	5	37
February... ..	5	4	4	8	7	5	33
March.. ... ..	7	5	6	5	6	8	37
April ... ..	13	3	5	26	14	7	68
May ... ..	15	3	6	18	17	19	78
June ... ..	6	5	8	30	13	21	83
July ... ..	7	4	9	23	13	9	65
August ... ..	6	5	8	13	6	11	49
September ... ..	...	1	...	5	5	...	11
October ... ..	2	1	3	2	2	...	10
November ... ..	6	1	1	2	1	...	11
December... ..	1	...	2	3	4	...	10
<b>Total, 1902 ...</b>	<b>79</b>	<b>38</b>	<b>55</b>	<b>139</b>	<b>96</b>	<b>85</b>	<b>492</b>
<b>Total, 1901 ..</b>	<b>95</b>	<b>59</b>	<b>60</b>	<b>87</b>	<b>59</b>	<b>59</b>	<b>419</b>

The above table shows an increase of applications received for attention to refuse receptacles. This increase I attribute to the stoppage of the destructor for repairs, in consequence of which, the refuse had to be carted to Stretford and other tips, each cart only removing five loads in two days, as compared with four loads per day when tipping at the destructor.

As in previous years, I have to report that a considerable number of these applications are from houses where the occupier refused access to the nightsoil men. In one instance an occupier declined to admit the men 4 times this year.

In the cleansing of ashpits and refuse receptacles, the block system (initiated in 1899), has worked efficiently and economically during the year under review.

TABLE SHOWING NUMBER OF RECEPTACLES EMPTIED EACH MONTH.

Month.	Wet Pits.	Dry Pits.	Sanitary Dust Bins.	Total Emptied.
January... ..	478	1299	10955	12732
February... ..	416	1039	9455	10910
March... ..	377	1020	9423	10820
April... ..	325	1018	9279	10622
May... ..	357	1074	9684	11115
June... ..	454	1177	11665	13296
July... ..	430	1135	9943	11508
August... ..	706	1951	12974	15631
September... ..	649	2303	10574	13526
October... ..	843	2613	13103	16859
November... ..	404	1593	10855	12852
December... ..	528	1712	10817	13057
Total, 1902... ..	5967	17934	129027	152928
Total, 1901... ..	7163	20843	99349	127355

During the year under review, 152,928 receptacles have been emptied. This is an increase of 25,573 on the year 1901.

As will be seen from the above statement, there is a decrease in dry ashplaces as well as wet ashpits emptied, the decrease being due to the conversion of privies into water-closets, and to the substitution of galvanised dust bins and dry ashplaces.

The increase in the total of receptacles emptied is due entirely to the increased number of moveable dust bins in new and old property, and which require to be emptied weekly.



TABLE SHOWING NUMBER OF LOADS OF NIGHTSOIL  
REMOVED MONTHLY AND LOADS SOLD.

Month.	Number of Loads Removed.				Loads of Nightsoil Sold.	Clinkers.	Total Loads Removed.
	Wet Pits.		Dry Ashes.	Dust Bins.			
	Night-soil.	Rub-bish.					
January ...	66	79	327	218	...	32	722
February ...	85	98	306	174	7	12	675
March ...	80	95	304	133	10	39	701
April ...	80	87	293	189	...	22	671
May ...	82	114	354	181	...	18	749
June ...	111	108	413	219	...	15	866
July ...	108	101	304	167	...	15	695
August ...	119	125	435	218	...	19	916
September ...	93	109	319	175	...	26	722
October ...	114	114	336	229	...	18	811
November ...	59	59	247	184	...	9	558
December ...	92	96	326	193	...	19	726
Total, 1902...	1089	1185	3964	2330	17	244	8812

The above statement shows that during the year under consideration 8,812 loads of refuse have been removed, as compared with 8,602 for 1901.

In balancing the above figures, those in column 5 must be omitted, as they are included under the head of nightsoil. (Column 1.)

The loads from dust bins this year are 2,330, as compared to 1,779 for the year 1901. This increase is due to the conversion of privies and the provision of galvanised receptacles and the building of new property, all of which are supplied (by the owner) with a moveable bin.

TABLE SHOWING WHERE LOADS OF NIGHTSOIL AND  
REFUSE HAVE BEEN TIPPED EACH MONTH.

Month.	Stott's.	Lowe's.		Bull Ring.	Sewage Farm.	Destructor.	Chadwick's.	Hancock's.	Trafford Park.	Lacy Street	Clinkers.	Total.
January ... ..	66	195	...	4	25	400			...	...	32	722
February ... ..	78	164	...	8	38	368		7	...	...	12	675
March ... ..	70	174	...	4	37	367	...	10	...	...	39	701
April ... ..	81	152	...	4	26	358	...	...	17	11	22	671
May... ..	82	225		4	6	363		...	41	...	18	749
June ... ..	111	277	...	5	16	423	...		19	...	15	866
July ... ..	108	207		4	13	343	...	...	5	...	15	695
August ... ..	119	305	...	4	3	457	...	...	9	...	19	916
September ... ..	93	212	...	4	7	368		...	12	...	26	722
October ... ..	114	200	...	5	3	458		...	13	...	18	811
November... ..	59	163		3	8	267		..	49	...	9	558
December... ..	92	229	...	4	8	374		...	...	...	19	726
Total, 1902 ...	1073	2503		53	200	4546		1	165	11	244	8812

The statement above shows where the refuse removed from ashpits and other receptacles has been deposited during 1902.

The contents of wet privies East of Great Stone have, as usual, been tipped on farm land in the occupation of Mr. John Stott, and, as above stated, 1,073 loads have been tipped thereat.

The three principal tips are Mr. John Stott's farm, Mr. Lowe's farm, off Derbyshire Lane, Stretford, and the Empress Street Destructor Works.

## DESTRUCTOR WORKS.

TABLE SHOWING THE NUMBER OF LOADS DEALT WITH  
MONTHLY AT THE DESTRUCTOR WORKS.

Month.	Loads Tipped	Assumed Weight.											
		Per Load.			Tipped.			Destroyed.			Destroyed per cell per 12 hours.		
		T.	C.	Q.	T.	C.	Q.	T.	C.	Q.	T.	C.	Q.
January ... ..	403	1	6	0	523	18	0	523	18	0	8	8	0
February .. ...	368	1	6	0	478	8	0	478	8	0	8	10	1
March ... ..	369	1	6	0	479	14	0	479	14	0	8	11	0
April ... ..	331	1	6	0	430	6	0	430	6	0	8	10	0
May .. ...	362	1	6	0	470	12	0	470	12	0	8	8	2
June ... ..	428	1	6	0	556	8	0	556	8	0	8	1	1
July ... ..	314	1	6	0	447	4	0	447	4	0	8	8	3
August ... ..	457	1	6	0	594	2	0	594	2	0	8	12	0
September ...	369	1	6	0	479	14	0	479	14	0	8	10	1
October ... ..	458	1	6	0	595	8	0	595	8	0	8	10	2
November ..	269	1	6	0	349	14	0	349	14	0	8	11	0
December ..	375	1	6	0	487	10	0	487	10	0	8	13	1
Total, 1902 .	4333	1	6	0	5892	18	0	5892	8	0	† 8	9	2
Total 1901 ..	4408	1	6	0	5730	18	0	5730	8	0	† 8	4	0

† Average for 12 months.

I am pleased to again report that the refuse destroyed at the Sanitary Depot shows an increase of nearly 200 tons, notwithstanding a stoppage for 14 days for repairs.

As will be seen from the above statement, 5,892 tons of domestic refuse have been dealt with at the depot, or an average destruction of nearly  $8\frac{1}{2}$  tons per cell during each 12 working hours (assuming each load to weigh 26 cwts.), but to this must be added the refuse brought by fish dealers, greengrocers, and game dealers, and which I estimate to be 85 tons for the year.



## MODE WHEEL LAIRAGES AND SLAUGHTER- HOUSES.

TABLE SHOWING MONTHLY THE NUMBER OF VISITS TO  
SLAUGHTER-HOUSES, ALSO THE NUMBER OF CATTLE  
AND SHEEP SLAUGHTERED AT THE LAIRAGES.

Month.	Visits to Slaughter- Houses.	Slaughtered at the Lairages.		Destroyed.		
		Cattle	Sheep.	Cattle.	Sheep.	Sundries.
January ...	22	723	101	...	...	5
February ...	8	927	651	...	...	8
March ...	12	781	..	...	...	6
April ...	20	1860	263	4	2	6
May ...						
June ...	9	1130	...	1	...	10
July ...	12	1042	...	...	...	12
August ...	10	1495	813	1	1	8
September ...	6	1174	452	...	...	3
October ...	9	2317	959	2	4	...
November ...	7	1501	589	...	...	8
December ...	13	502	...	...	...	5
Total, 1902 ...	128	13452	3828	4800lbs	420 lbs	71
Total, 1901 ...	128	14244	14455	4120lbs	33	71

During the year there has been no increase of registered slaughter-houses, which number 8 ; and to these 128 visits have been paid during the year.

The above statement shows a falling-off of the number of animals slaughtered at the Manchester Corporation Lairages, and an increase of destroyed meat as unfit for food.

I would add that on each occasion when it has been necessary to seek the opinion of the Veterinary Surgeon (as to the fitness or otherwise of meat) the same has been given with

as little delay as possible, and of the meat condemned by your officials no exception has been taken by or on behalf of an owner.

### HACKNEY CARRIAGE DEPARTMENT.

TABLE SHOWING NUMBER OF LICENCES GRANTED FROM JANUARY 1ST TO  
DECEMBER 31ST 1902.

Class of Licence.	1902 No Issued	Rate.	Amount Received.	1901 No. Issued	Rate.	Amount Received.	Amount Received.	Increase.	Decrease.
		s. d.	£ s. d.		s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Cricket Ground	140	5 0	35 0 0	153	5 0	38 5 0	3 5 0		
Hackney Coach	32	5 0	8 0 0	33	5 0	8 5 0	0 5 0		
Omnibus	49	5 0	12 5 0	88	5 0	22 0 0	9 15 0		
Tramcar	87	1 0	4 7 0	100	1 0	5 0 0	0 13 0		
Hackney Drivers	48	1 0	2 8 0	46	1 0	2 6 0	.. 0 0		
Omnibus Drivers	34	3 0	5 2 0	94	3 0	14 2 0	9 0 0		
" Conductors	140	1 0	7 0 0	147	1 0	7 7 0	0 7 0		
	57	3 0	8 11 0	118	3 0	17 14 0	9 3 0		
Other Licences—	143	1 0	7 3 0	126	1 0	6 6 0	0 17 0		
Hackney Carriage...	12	1 6	0 18 0	...	...	...	0 18 0		
Slaughter-houses	8	1 0	0 8 0	8	1 0	0 8 0	...		
Game Licences	3	7 6	1 2 6	3	7 6	1 2 6	...		
Provisional...	25	...	...	27	...	...	...		
Provisional Repairs	15	...	...	13	...	...	...		
Total	793	...	92 4 6	956	...	122 15 6	1 17 0	32	0

Again I have to report a decrease in the number of licences issued, viz. : 793, against 956 for 1901 ; also the revenue for the year under review is £30 less than its predecessor.

In preparing the estimates for the year 1902-3, a decrease was anticipated, and during the ensuing year the above figures will be still further reduced owing to the introduction of electric cars in the district.

I would respectfully direct your Committee's attention to the want of sufficient powers to regulate and generally to efficiently deal with tramways, tramway traffic, and the drivers and conductors of such vehicles. I would therefore recommend the adoption of bye-laws and regulations in accordance with sections 46, 47 and 48 of the Tramways Act, 1870.

In the issuing of licences much inconvenience has been experienced in previous years by the above department owing to the various proprietors of hackney carriages and omnibuses not renewing the last, or taking out the current year's licence, until the actual opening of the County Cricket Season, which, generally speaking, is early in May, and to reduce the pressure on this department I would suggest that (in the usual advertisement pointing out that all current licences expire on April 1st next) the owners of vehicles requiring licences therefor apply for the same within 21 days from the commencement of April, and to change badges for those to be issued for the year 1903 and 1904.

On behalf of myself and assistants, I wish, through your Committee, to thank Mr. Superintendent William Keys, and the County Police generally, for the very valuable assistance rendered during the year both in the regulation of the hackney coach traffic and the keeping of drivers and conductors in order.

#### HEALTH DEPARTMENT.

The summary of this report shows that 230 notices have been served for the abatement of nuisances, and other causes, during the year 1902, and in the supervision of the work required by the beforementioned notices I estimate that over 1,300 visits have been made.

398 Houses, workshops, schools, and cowsheds have been under observation during the year, and it is satisfactory to again report that it has not been necessary to take legal proceedings against any owner for non-compliance with a notice.

The above notices do not include those served for the abatement of nuisances arising from the emission of black smoke from the chimneys of factories, &c. These are dealt with separately.



27 Intercepting traps, with fresh air inlets, have been fixed during the year between the main sewer and the house drain, and by the aid of 47 ventilating shafts erected at the head of drains, a through circulation of air is rendered practicable, and any undue pressure on the water seals of the various traps reduced to the minimum.

This year has seen the abolition of a greater number of foul privies and ashpits than any previous year, and the hope expressed in my last annual report realised.

During the year under consideration 283 foul privies and 153 ashpits have been swept away, against 202 of the former and 106 of the latter during 1901.

It is encouraging to report that the efforts made by the Chairman of the Sanitary Committee (Mr. Councillor T. Robinson, J.P.), to rid the district of these foul privy abominations, have again been successful, and in order to abolish these foul relics of the past and to improve any insanitary condition (I believe the best form of privy to be objectionable) under which any of the ratepayers live, he has accepted every opportunity of interviewing the owners or agents of property whereon privies obtain.

During the ensuing year it is anticipated that from time to time blocks of property whereon privies exist will be submitted to your notice, with a view to their abolition, and in this respect your co-operation is respectfully invited.

#### COWSHEDS, DAIRIES, AND MILKSHOPS.

The Cowsheds, Dairies, and Milkshops Register shows there are the same number of cowkeepers (16), occupying 24 cowsheds, as mentioned in my last annual report. The same register contains the names of 104 purveyors of milk, which is an increase of 15.

Milk, as is well known, being a very potent agent in relation to the spread of disease, it is essential that it should not only be produced under the very best conditions, but should be kept in such situations and receptacles as will reduce the risk of contamination to the minimum.

By sub-section 2 of section 6 of the Dairies, Cowsheds, and Milkshops Order, 1885, every Local Authority SHALL keep a

register of persons from time to time carrying on in their district the trade of cowkeepers, dairymen, or purveyors of milk, and shall from time to time revise and correct the register.

To enable the above enactment to be complied with sub-section 4 of the same section states that the Local Authority shall from time to time give PUBLIC NOTICE by advertisement in a newspaper circulating in their district, and if they think fit, by placards, handbills, or otherwise of registration being required, and of the mode of registration.

It being now three years since the above PUBLIC NOTICE was last given, I would respectfully suggest to this Committee to consider whether it is, or is not, advisable to again give notice in accordance with the above-mentioned sub-section.

## FACTORY AND WORKSHOPS ACT.

### BAKEHOUSES.

125 Visits have been paid to bakehouses during the year, and several notices have been served for the removal of insanitary conditions found to exist, such notices being at once complied with.

In your district there are 23 bakehouses, many of which will require to be dealt with during the ensuing year (in accordance with section 101 of the Factory and Workshops Act, 1901), and in this respect an early decision is advisable, so as to give those whose bakehouses your Council cannot certify as being fit places wherein to bake bread, &c., an opportunity of seeking suitable premises.

### LAUNDRIES.

In your district there are five laundries (two less than last year) 4 of which are factories and 1 a workshop.

Three of the above are exceptionally well constructed for their purpose, the other two being in cellars, and are not all that one would desire, as there is always the difficulty of getting rid of the steam and providing sufficient light and ventilation.

To the above 31 visits have been made during the year, in one instance limewashing being required, which was forthwith complied with.

## DRESSMAKING AND MILLINERS.

Your Inspectors have paid 27 visits to the above during the year, resulting in several cases of overcrowding being detected, which, on being pointed out to the occupier, were remedied.

The 1901 Act imposes additional duties on Local Authorities, and which will absorb a considerable portion of your Inspector's time.

By the above Act the Local Authority is required to keep a register of the factories and workshops in the district, and to give certain information to H.M. Inspector of Factories.

## OTHER FACTORIES AND WORKSHOPS.

To factories and workshops other than the above, 117 visits have been paid during the year being reported upon, resulting in 10 notices being served for the abatement of nuisances.

## MAGISTERIAL PROCEEDINGS.

230 Notices have been served during the year for the abatement of various nuisances, and in no instance (except smoke nuisances) has it been necessary to appeal to the magistrates to enforce compliance with a notice.

For the abatement of nuisances arising from the emission of black smoke, 4 prosecutions have been instituted during the year, and in each instance a fine was imposed, or an abatement order obtained, with costs.

One person has been prosecuted and fined 10s. and costs for exposing his child in a public street whilst suffering from a dangerous infectious disease ; also the same parent was fined 5s. and costs for failing to notify to the Medical Officer of Health that his child was so suffering.

Under the Food and Drugs Acts, 1875, section 3, one person has been fined for selling milk containing a substance injurious to health, viz. : 1 part of formaldehyde in 50,000 of milk.



12 Persons have been convicted for various offences against the Towns Police Clauses Act, 1847.

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#### INSUFFICIENT OFFICE ACCOMMODATION.

May I respectfully draw the attention of this Committee to the inconveniences experienced by your Sanitary Staff owing to insufficient office accommodation, and to suggest that an additional and very suitable office could be provided by utilising the area adjoining the Sanitary Office.

In conclusion, I trust the suggestions herein contained may receive your favourable consideration.

I am, Gentlemen,

Yours obediently,

ELLIS NUTTALL,

Sanitary Inspector.

District Council Offices,  
Talbot Road, Old Trafford,  
Stretford.

January, 30th, 1903.